



PREFERRED RANGE OF NC (NOISE CRITERIA)

FOR INTERIORS

The table below presents recommended NC ranges for various indoor activities areas. For hearing-impaired persons, specify curves that are 5 or more below the criteria presented in the table. It is especially critical to achieve low noise levels at 63 Hz and 125 Hz, where hearing impaired persons have most of their residual hearing.

Concert Halls, Broadcasting and Music Studios, Large auditoriums, Large Churches, Music Theatres. (for excellent listening conditions)	<NC-20
Small auditoriums, Theatres, Music Practice Rooms, Large Meeting Rooms, Large Conference Rooms, Tele-conference Rooms, Executive Offices, Courtrooms, Small Churches, Chapels. (for very good listening conditions)	NC-20 a NC-30
Bedrooms, Hospitals, Residences, Hotels Rooms. (for sleeping, resting, relaxing)	NC-25 a NC-35
Private or Semi-Private Offices, Small Conference Rooms, Libraries, Classrooms. (for good listening conditions)	NC-30 a NC-35
Large Offices, Reception Areas, Retail Shops and Stores, Cafeterias, Restaurants, Gymnasiums. (for moderately good listening conditions)	NC-35 a NC-40
Lobbies, Laboratories, Drafting and Engineering Rooms, Maintenance Rooms. (for fair listening conditions)	NC-40 a NC-45
Kitchens, laundries, Schools and Industrial shops, Computers Rooms. (for moderately fair listening conditions)	NC-45 a NC-55

Source:

L. L. Beranek – "Noise and Vibration Control" – Mc Graw-Hill.

S. L. Yaniv and D. R. Flynn "Noise Criteria for Buildings: A Critical Review" – National Bureau Of standards.